

# VOLTCRAFT®

## VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

"Since 1982, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success."

## CLAMP METER

N° 1693351 // VC-522

N° 1693352 // VC-523

N° 2139578 // VC-523 SE

N° 1693353 // VC-532

N° 1693354 // VC-533

Robust and ergonomic measuring callipers.

All models are equipped with True RMS for reliable measurement of balanced and unbalanced voltages and currents, non-contact AC Voltage Test (NCV), and switch to light up the measuring area.

Perfect for servicing machines, in control cabinets and also for measuring high currents in automotive and truck electrics.

### FEATURES:

CAT III 600 V // True RMS // Measuring point illumination //

### TECHNICAL DATA:

	VC-522	VC-523 / VC-523 SE	VC-532	VC-533
Item no.	1693351	1693352 / 2139578	1693353	1693354
Display (counts)	4000		6000	
Voltage measurement	AC/DC			
Measurement range voltage AC	0.001 - 600 V			
Frequency range	50 - 400 Hz			
Measurement range voltage DC	0.1 mV - 600 V			
Current measurement	AC	AC/DC	AC	AC/DC
Measurement range current AC	0.01 A - 400 A		0.1 A - 1000 A	
Frequency range	50 - 60 Hz			
Measurement range current DC	0.01 A - 400 A		0.1 A - 1000 A	
Resistance	0.1 Ω - 40 MΩ		0.1 Ω - 60 MΩ	
Frequency	10 Hz - 10 kHz			
Temperature	-20 to +760 °C		-20 to +1000 °C	
Capacity	0.01 nF - 4000 μF		0.01 nF - 6000 μF	
Basic accuracy	±0.8 %			
Opening for current probe	32 mm		36 mm	
Power supply	3 micro batteries (AAA, LR3)			
Dimensions (L x W x H)	208 x 68 x 32 mm		237 x 56 x 34 mm	
Weight	220 g		328 g	



N° 1693351 / VC-522

### PACKAGE CONTENTS:

Current probe // Safety test leads // Temperature sensor Type-K // Measuring adapter type-K // Pocket // 3 micro batteries (type AAA) // Safety data sheet // Operating instructions

### EQUIPMENT:

Measuring functions: current, voltage, resistance, temperature, capacitance, frequency, continuity test, diode testing // Auto/manual range // Data hold function // Relative reference value function // Auto power off function // Non-contact AC voltage detection // Multi-function thread for optional accessories.

Additionally for VC-530 series: Illuminated buttons and rotary switch areas // Bar graph display // Low-pass filter // Max./min. value memory

// Pulse ratio (duty cycle) // Low-impedance function (LoZ) //

This data sheet is a publication by Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau (www.conrad.com). All rights including translation reserved. Reproduction by any method, e.g. photocopy, microfilming, or the capture in electronic data processing systems require the prior written approval by the editor. Reprinting, also in part, is prohibited. This publication represents the technical status at the time of printing.

© Copyright 2022 by Conrad Electronic SE.

1693351\_52\_53\_54\_2139578\_V2\_1221\_01\_PIX\_ds